



TROPICAL CYCLONE BULLETIN NO. 2

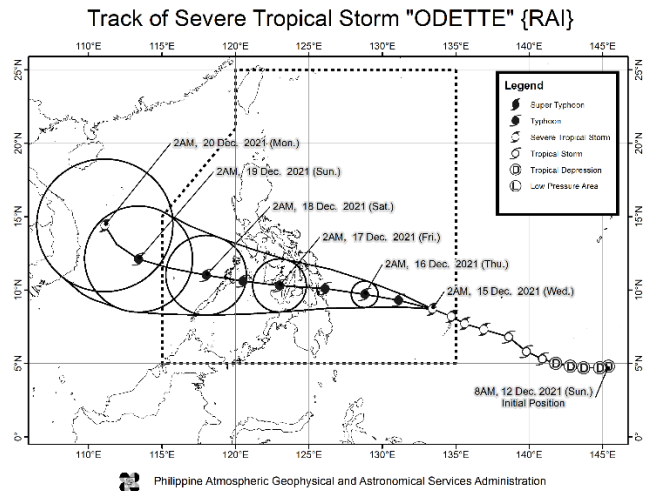
Severe Tropical Storm "ODETTE"

Issued at 5:00 AM, 15 December 2021

Valid for broadcast until the next bulletin at 11:00 AM today

"ODETTE" SLIGHTLY INTENSIFIES AND IS NEARING TYPHOON CATEGORY IN STRENGTH

Location of Center (4:00 AM)
The center of Severe Tropical Storm "ODETTE" was estimated based on all available data at 735 km East of Hinatuan, Surigao del Sur (8.8°N, 133.0°E)
Intensity
Maximum sustained winds of 110 km/h near the center, gustiness of up to 135 km/h , and central pressure of 980 hPa
Present Movement
West Northwestward at 25 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 330 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 15 December 2021	9.3	131.1	535 km East Northeast of Hinatuan, Surigao del Sur	120	TY	WNW 20
24-Hour Forecast 2:00 AM 16 December 2021	9.7	128.8	365 km East of Surigao City, Surigao del Norte	140	TY	W 20
36-Hour Forecast 2:00 PM 16 December 2021	10.1	126.1	Over the coastal waters of Santa Monica, Surigao del Norte	150	TY	W 25
48-Hour Forecast 2:00 AM 17 December 2021	10.3	123.0	In the vicinity of La Castellana, Negros Occidental	130	TY	W 30
60-Hour Forecast 2:00 PM 17 December 2021	10.6	120.5	Over the coastal waters of Araceli, Palawan	140	TY	W 25
72-Hour Forecast 2:00 AM 18 December 2021	11.0	118.0	160 km North Northwest of Puerto Princesa City, Palawan	140	TY	W 25
96-Hour Forecast 2:00 AM 19 December 2021	12.1	113.4	145 km North Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	140	TY	WNW 20
120-Hour Forecast 2:00 AM 20 December 2021	14.4	111.1	500 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	110	STS	NW 15

Prepared by: RPG

Checked by: SFD



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 (Strong winds prevailing or expected within 36 hours)	-	Northern Samar, Eastern Samar, Samar, Biliran, Leyte, Southern Leyte, Bohol, and the northern and central portions of Cebu (<i>Daanbantayan, Medellin, City of Bogo, San Remigio, Tabogon, Borbon, Sogod, Catmon, Carmen, Danao City, Compostela, Liloan, Tabuelan, Tuburan, Asturias, City of Carcar, Pinamungahan, San Fernando, Toledo City, City of Naga, Balamban, Minglanilla, Cebu City, City of Talisay, Consolacion, Mandaue City, Lapu-Lapu City, Cordova</i>) including Bantayan and Camotes Islands	Dinagat Islands, Surigao del Norte, Surigao del Sur, Agusan del Norte, Agusan del Sur, Camiguin, and the eastern portion of Misamis Oriental (<i>Magsaysay, Gingoog City, Medina, Talisayan, Balingoan, Kinoguitan, Sugbongcogon, Salay, Jasaan, Balingasag, Lagonglong, Binuangan, Claveria, Villanueva, Tagoloan</i>)



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- **Today through tomorrow early morning:** Light to moderate with at times heavy rains are possible over Surigao del Norte, Surigao del Sur, and Dinagat Islands due to the trough and the outermost rain bands of “ODETTE”
- **Tomorrow early morning through Friday early morning:** Heavy to intense with at times torrential rains over Dinagat Islands, Surigao del Norte, the northern portion of Surigao del Sur, Agusan del Norte, the northern portion of Agusan del Sur, Camiguin, Misamis Oriental, Southern Leyte, Bohol, Negros Oriental, and Cebu. Moderate to heavy with at times intense rains over Leyte, the southern portion of Eastern Samar, Siquijor, and the rest of Caraga. Light to moderate with at times heavy rains over Bicol Region, Zamboanga del Norte, Oriental Mindoro, Romblon, and the rest of Visayas and Northern Mindanao
- **Friday early morning through Saturday early morning:** Heavy to intense with at times torrential rains over Western Visayas, and the northern and central portions of Palawan including Cuyo and Cagayancillo Islands. Moderate to heavy with at times intense rains over Occidental Mindoro, Oriental Mindoro, and Negros Oriental. Light to moderate with at times heavy rains over Bicol Region, Northern Mindanao, Caraga, Zamboanga del Norte, Quezon, Aurora, the eastern portions of Cagayan and Isabela, and the rest of Visayas.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

Severe Winds

- Strong winds (strong breeze to near gale) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect during the passage of the severe tropical storm. This may generally bring up to very light damage to structures and vegetation.
- **Areas under TCWS will be expanded** in succeeding bulletins, while the **hoisted wind signals in some localities of the country will be upgraded** as “ODETTE” moves closer. TCWS #2 may be hoisted this morning or afternoon for some areas currently under TCWS #1. The highest level of wind signal that may be hoisted during the passage of “ODETTE” is TCWS #3 due to possible destructive typhoon-force winds in localities near or along the path of this tropical cyclone.

HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, moderate to high seas (1.2 to 7.0 m) will be experienced over the seaboard of areas where TCWS #1 is in effect (especially in the open sea areas). **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Severe Tropical Storm “ODETTE” and the prevailing Northeast Monsoon, a **Gale Warning remains in effect** for the seaboard of Northern Luzon, the eastern seaboard of Central Luzon, the eastern and western seaboard of Southern Luzon, the western seaboard of Visayas, and the eastern seaboard of Mindanao not under any wind signal. For more information, refer to Gale Warning #47 issued at 5:00 AM today.
- In the next 24 hours, moderate to rough seas (1.2 to 3.1 m) will also prevail over the remaining seaboard of Central Luzon, Southern Luzon, and Visayas, and the western and northern seaboard of Mindanao that are not under any wind signal. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- “ODETTE” is forecast to move west northwestward until this afternoon, then westward thereafter. On the forecast track, the center of this tropical cyclone is forecast to make landfall in the vicinity of Caraga or Eastern Visayas tomorrow afternoon or evening. Afterwards, the center of “ODETTE” will continue moving generally westward and cross several provinces in Central and Western Visayas regions before emerging over the Sulu Sea on Friday morning or afternoon. After passing near or over the Cuyo archipelago, this tropical cyclone is forecast to cross the northern portion of Palawan on Friday evening before emerging over the West Philippine Sea.
- Further intensification is expected today through tomorrow as the severe tropical storm crosses the Philippine Sea. “ODETTE” is forecast to intensify into a typhoon within 12 hours and may reach a peak intensity of 155 km/h prior to making landfall tomorrow afternoon or evening. This tropical cyclone may see some slight weakening as it crosses the Visayas and Palawan, but it is forecast to remain within the typhoon category. Re-intensification is likely once “ODETTE” emerges over the West Philippine Sea.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

Prepared by:  **RPG**

Checked by:  **SFD**